IN THE CLAIMS

Presented below is a complete list of claims with changes marked up:

1. (Currently Amended) A server network comprising:

a global master server;

a local master server coupled to the global master server via a first network and synchronized thereto, wherein the local master server is automatically configurable as a slave server with respect to the global master server based on an interface between the local master server and the global master server; and

one or more slave servers coupled to the local master server via a second network to perform manufacturing tasks to facilitate building products, the global master, local master, and slave servers being programmed the same, ~~and~~ the one or more slave servers being ~~configurable to different tasks, including~~ automatically configurable as ~~a master or a~~ one or more slave servers with respect to ~~a server to which the global master, local master, and slave servers are coupled to based on the type of the server~~the local master server based on an interface between the local master server and each of the one or more slave servers, and the local master server being automatically configurable as a master server with respect to the one or more slave servers based on the interface between the local master server and each of the one or more slave servers.

2. (Previously Presented) The server network defined in Claim 1, wherein one of the global master, local master, and slave servers is operable to program another server.

3. (Original) The server network defined in Claim 1 wherein communication over the first network is secure.

4. (Original) The server network defined in Claim 1 wherein communication over the first network is encrypted.

5. (Previously Presented) The server network defined in Claim 1, wherein communication over the first network is secured via Secure Shell (SSH).

6. (Previously Presented) The server network defined in Claim 1, further comprising a plurality of local master servers coupled to the global master server via the first network, wherein each of the plurality of local master servers operates with respect to the global master server asynchronously when communication via the first network is unavailable and synchronously when communication via the first network is available.

7. (Previously Presented) The server network defined in Claim 1 wherein the first network comprises an Internet.

8. (Original) The server network defined in Claim 1 wherein the first network comprises a virtual private network.

9. (Original) The server network defined in Claim 1 wherein the first network comprises a physical private network.

10. (Original) The server network defined in Claim 1 wherein the second network comprises a local area network (LAN).

11. (Previously Presented) A server comprising:

a processor;

a first interface, wherein the processor is automatically configurable as a local master server if the first interface is coupled to a global master server and, otherwise, as a global master server; and

a second interface, wherein the processor is operable to automatically configure a plurality of servers as slave servers if the plurality of servers are coupled to the second interface.

12. (Previously Presented) The server of claim 11, wherein the processor is operable to automatically generate a key and to place the key on the global master server to gain access to the global master server.

13. (Previously Presented) The server of claim 11, wherein the plurality of servers are coupled to the second interface via a network comprising a local area network (LAN).